ERK1/2 Rabbit mAb

Catalog No: #56077

Package Size: #56077-1 50ul #56077-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

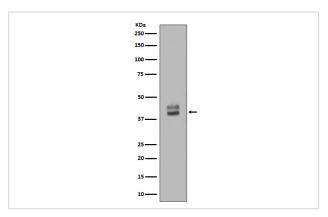
Description

Product Name	ERK1/2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	ERK1/2 Antibody detects endogenous levels of total ERK1/2
Immunogen Description	A synthesized peptide derived from human ERK1/2
Conjugates	Unconjugated
Other Names	ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, ERK-1,
Accession No.	Uniprot:P27361/P28482
Calculated MW	41,43kDa
SDS-PAGE MW	42,44kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

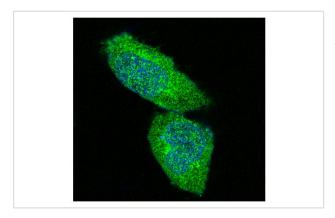
Application Details

WB:1:500~1:2000
ICC/IF:1:50~1:200
IP:1:50
FC:1:200

Images



Western blot analysis of ERK1/2 Antibody expression in HepG2 whole cell lysates.



Immunofluorescent analysis of Hela cells, using ERK1/2 Antibody.

Product Description

ERK1 p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters. ERK2 p44 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.